

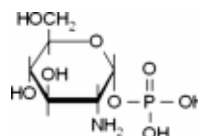
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Product Specification

Product Name:
 α -D-Glucosamine 1-phosphate

Product Number: **G9753**
CAS Number: 2152-75-2
MDL: MFCD00070181
Formula: C₆H₁₄NO₈P
Formula Weight: 259.15 g/mol
Storage Temperature: -20 °C



TEST

Specification

| | |
|------------------------------|-----------------------|
| Appearance (Color) | White |
| Appearance (Form) | Powder |
| Solubility (Color) | Colorless |
| Solubility (Turbidity) | Clear |
| 100 mg/ml, H ₂ O | |
| ¹³ C NMR spectrum | Conforms to Structure |
| Proton NMR spectrum | Conforms to Structure |
| Water (by Karl Fischer) | ≤ 8.5 % |
| Carbon (anhydrous) | 27.1 - 28.4 % |
| Nitrogen (anhydrous) | 5.0 - 5.6 % |
| Purity (TLC) | ≥ 97.0 % |
| Recommended Retest Period | ----- |
| 4 years | |

Specification: PRD.1.ZQ5.10000029870

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.